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PATENT
Docket No. 10245US03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

JATHAN D. EDWARDS et al.

Serial No.: 10/781,439

Filed: February 18, 2004

For: SANDWICH HOLOGRAPHIC DISK
CONSTRUCTION WITH THIN MOLDED
SUBSTRATES

Examiner: Fayed G. Assaf

Group Art Unit: 2872

CERTIFICATE OF TELEFACSIMILE TRANSMISSIONCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450Examiner Fayed G. Assaf
Fax No.: (571) 273-2307

Dear Sir:

I certify that the following pages are being telefacsimile transmitted to the U.S. Patent and Trademark Office on the date shown below:

1. Communication under 37 C.F.R. 1.8(b) with Certificate of Facsimile (1 page)
2. Copy of Transmittal of Information Disclosure Statement under 37 C.F.R. 1.97(b) (2 pages)
3. Forms 1449 (3 pages)

Respectfully submitted,

8/13/04

Date

Eric D. Levinson
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Facsimile: (651) 704-5951**7 PAGES - INCLUDING COVER PAGE**

Patent
Docket No.: 10245US03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Jathan D. Edwards et al.

Serial No.: 10/781,439

Filed: 02/18/2004

For: SANDWICH HOLOGRAPHIC DISK
CONSTRUCTION WITH THIN
MOLDED SUBSTRATES

Group Art Unit: 2872

Examiner: Fayez O. Assaf

Notice of Allowance
Dated 07/13/04

CERTIFICATE UNDER 37 CFR 1.8: I hereby certify that this correspondence is being transmitted by facsimile to the Commissioner for Patents, Alexandria, VA 22313-1450 on 13 August, 2004.

By: 

Name: Eric D. Levinson

COMMUNICATION UNDER 37 C.F.R. 1.8(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

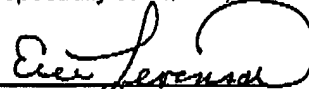
Dear Sir:

Applicants wish to thank the Examiner for the Notice of Allowance mailed July 13, 2004. The undersigned has reviewed Applicants' file for completeness before payment of the issue fee and requests the following:

Although an Information Disclosure Statement with Certificate of First Class Mail was mailed to the Patent Office on May 28, 2004 (copies of the Information Disclosure Statement and three pages of Forms 1449 are attached), it appears the Patent Office did not receive them. I attest to my personal knowledge that on May 28, 2004, the Information Disclosure Statement was deposited by First Class Mail to the U.S. Patent Office.

Because the art was properly submitted, Applicants request the Examiner consider and initial the attached 1449s and return them to the undersigned's attention at the address or facsimile number listed below. Please feel free to contact the undersigned with any questions.

Respectfully submitted,



Eric D. Levinson
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8/13/04
Date

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TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))		Docket No. 10245US03	
In Re Application Of: Jathan D. Edwards, Frank E. Aspen, Ramon F. Hegel, and Chad R. Sandstrom		DOCKETED Date <u>2/1/04</u> By <u>LO</u>	
Serial No. 10/781,439	Filing Date 02/18/2004	Examiner	Group Art Unit 2872
Title: SANDWICH HOLOGRAPHIC DISK CONSTRUCTION WITH THIN MOLDED SUBSTRATES			
Address to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450			
37 CFR 1.97(b)			
1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.			
37 CFR 1.97(c)			
2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of: <input type="checkbox"/> the statement specified in 37 CFR 1.97(e); OR <input type="checkbox"/> the fee set forth in 37 CFR 1.17(p).			

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))Docket No.
10245US03

In Re Application: Jathan D. Edwards, Frank E. Aspen, Ramon F. Hegel, and Chad R. Sandstrom

Serial No.
10/781,439Filing Date
02/18/2004

Examiner

Group Art Unit
2872**SANDWICH HOLOGRAPHIC DISK CONSTRUCTION WITH THIN MOLDED SUBSTRATES****Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☐ The Director is hereby authorized to charge and credit Deposit Account No. _____ as described below.
- ☐ Charge the amount of _____
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Certificate of Mailing by First Class MailI certify that this document and fee is being deposited on 5/28/4 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-4450.

Signature of Person Mailing Correspondence

Eric D. Levinson

Typed or Printed Name of Person Mailing Certificate

Dated: 5/28/4

CC:

INFORMATION DISCLOSURE CITATION		Atty. Docket No.: 10245US03				Serial No.: 10/781,439	
		Applicant(s): Jathan D. Edwards et al.					
		Filing Date: February 18, 2004				Group: 2872	
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
		4,330,604	05/1982	Wreede et al. *			
		4,992,336	02/1991	Yamamoto et al.			
		5,233,597	08/1993	Nakayama et al.			
		5,279,689	01/1994	Shvartsman			
		5,326,240	07/1994	Kudo et al.			
		5,458,985	10/1995	Isono et al.			
		5,460,763	10/1995	Asai			
		5,470,627	11/1995	Lee et al.			
		5,476,700	12/1995	Asai et al.			
		5,487,926	01/1996	Kuribayashi et al.			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub- Class	Translation
							Yes No
		0 386 971 A1	09/1999	EP			
		DE4208328	09/1993	Germany			Abstract
OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)							
		Psaltis et al., "Holographic storage using shift multiplexing," Optics Letters, Vol. 20, No. 7, April 1, 1995, pp. 782-784					
		Fu et al., "High-density recording in photopolymer-based holographic three-dimensional disks," Applied Optics, Vol. 35, No. 14, May 1996, pp. 2389-2398					
		Barbastathis et al., "Shift multiplexing with spherical reference waves," Applied Optics, Vol. 35, No. 14, May 1996, pp. 2403-2417					
		Psaltis et al., "Holographic Data Storage," Computer IEEE, February 1998, pp. 52-60					
		Dhar et al., "Holographic storage of multiple high-capacity digital data pages in thick photopolymer system," Optics Letters, Vol. 23, No. 21, November 1, 1998, pp. 1710-1712					
		Curtis et al., "High Density, High Performance Data Storage via Volume Holography: The Lucent Technologies Hardware Platform," Bell Laboratories, Lucent Technologies, pp. 1-9, published in 2000 by Holographic Data Storage, Ed. Coufal et al.					
		Ashley et al., "Holographic data storage," IBM J. Res Develop, Vol., 44, No. 3, 3 May 2000, pp. 341-368					
EXAMINER				Date Considered			
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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U.S. PATENT DOCUMENTS								
Examiner Initial		Document Number	Date	Name	Class	SubClass	Filing Date if Appropriate	
		5,582,891	12/1996	Murakami et al.				
		5,597,613	01/1997	Galarneau et al.				
		5,673,251	09/1997	Suzuki et al.				
		5,675,570	10/1997	Ohira et al.				
		5,719,691	02/1998	Curtis et al.				
		5,812,288	09/1998	Curtis et al.				
		5,827,593	10/1998	Maruyama et al.				
		5,838,650	11/1998	Campbell et al.				
		5,874,187	02/1999	Colvin et al.				
		5,876,823	03/1999	Nagashima				
		5,893,998	04/1999	Kelley et al.				
		5,917,798	06/1999	Horimai et al.				
		5,932,042	08/1999	Gensel et al.				
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Sub- Class	Translation	
							Yes	No
		WO 98/47143	10/1998	PCT				
		WO 00/48172 A2	08/2000	PCT				
		61126648	06/1986	Japan			Abstract Only	
		63-74618	04/1988	Japan			X	
		63124247	05/1988	Japan			Abstract Only	
		2-134219	05/1990	Japan			X	
		05278088	10/1993	Japan			Abstract Only	
		9-295319	11/1997	Japan			X	
		10-230524	09/1998	Japan			X	
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U.S. PATENT DOCUMENTS							
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		6,042,684	03/2000	Ohman			
		6,108,297	08/2000	Ohta et al.			
		6,132,545	10/2000	Motokawa et al.			
		6,348,983 B1	02/2002	Curtis et al.			
		6,425,968 B1	07/2002	Eichlseder			
		6,538,776 B2	03/2003	Edwards			
		6,611,365 B2	08/2003	Edwards et al.			
		6,625,100 B2	09/2003	Edwards			
		6,650,447 B2	11/2003	Curtis et al.			
		2002/0114027 A1	08/2002	Horimai			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub- Class	Translation Yes No
OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)							
EXAMINER				Date Considered			

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Based on Form PTO-FB-A820
(also form PTO-1449)

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